

Serial No. 09/921.439  
60130-1179  
OOMRA0557

**IN THE CLAIMS:**

1. (Currently amended) An actuator comprising:  
a rotatable, reversibly drivable gear wheel rotatable about a gear axis between a first gear position and a second gear position;  
an output element rotatable about the gear axis between a first output position and a second output position;  
a drive transfer device that engages with and contacts the output element to operably connect the gear wheel to the output element such that the output element moves to the first output position when the gear wheel is driven to the first gear position and the output element moves to the second output position when the gear wheel is driven to the second gear position,  
and wherein the drive transfer device disengages from and is out of contact from the output element to operably disconnect the gear wheel from the output element to enable movement of the output element between the first and second output positions independently of the gear wheel.
2. (Previously presented) The actuator as defined in claim 1 in which the drive transfer device engages with the output element and disengages from the output element in at least one predetermined position of the gear wheel.
3. (Previously presented) The actuator as defined in claim 1 in which the drive transfer device moves non-radially relative to the gear wheel to engage with and disengage from the output element.
4. (Previously presented) The actuator as defined in claim 3 in which the drive transfer device moves substantially parallel to the axis of rotation of the gear wheel to engage with and disengage from the output element.
5. (Previously presented) The actuator as defined in claim 1 in which when the gear wheel is driven in a forward direction, a first ramp causes engagement of the drive transfer

Serial No. 09/921,439  
60130-1179  
OOMRA0557

device with the output element, and a second ramp causes disengagement of the drive transfer device from the output element.

6. (Previously presented) The actuator as defined in claim 5 in which when the gear wheel is driven in a reverse direction, the second ramp causes disengagement of the drive transfer device from the output element and the first ramp causes disengagement of the drive transfer device from the output element.

7. (Previously presented) The actuator as defined in claim 1 in which the drive transfer device operates in a first resilient mode during engagement with and disengagement from the output element.

8. (Original) The actuator as defined in claim 7 in which the drive transfer device is a pin resiliently biased in a first direction by a first resilient means, such that the first resilient means moves when the drive transfer device operates in the first resilient mode.

9. (Previously presented) The actuator as defined in claim 1 in which the drive transfer device is re-engageable with the output element following independent movement of the output element.

10. (Previously presented) The actuator as defined in claim 9 in which the drive transfer device operates in a second resilient mode during re-engagement with the output element.

11. (Original) The actuator as defined in claim 10 in which the drive transfer device is a pin resiliently biased in a first direction by a first resilient means and resiliently biased in a second direction by a second resilient means, such that the first and the second resilient means move when the drive transfer device operates in the second resilient mode.

Serial No. 09/921,439  
60130-1179  
00MRA0557

12. (Previously presented) The actuator as defined in claim 1 in which a stop device is mounted on a chassis of the actuator.

13. (Original) The actuator as defined in claim 1 in which the gear wheel is rotatable through at least 360°.

Serial No. 09/921,439  
60130-1179  
00MRA0557

14. (Currently amended) An actuator comprising:

a chassis;

a gear wheel that is rotatable relative to the chassis of the actuator and that is reversibly drivable, wherein the gear wheel is rotatable between a first gear position and a second gear position;

an output element movable between a first output position and a second output position;

a drive transfer device engages with and contacts the output element to operably connect the gear wheel to the output element, such that the output element moves to the first output position when the gear wheel is driven to the first gear position and the output element moves to the second output position when the gear wheel is driven to the second gear position, wherein the drive transfer device disengages from and is out of contact from the output element to operably disconnect the gear wheel from the output element to allow movement of the output element between the first and second output positions independently of the gear wheel; and

a stop device that is movable by the output element between a first stop position corresponding with the first output position and a second stop position corresponding with the second output position, wherein the stop device operably moves between the gear wheel and chassis to conduct a motor stoppage by preventing further rotation of the motor in at least one of the first stop position and the second stop position.

15. (Cancelled)

16. (Previously presented) The actuator as defined in claim 14 in which the stop device includes a forward stop to conduct the motor stoppage in a forward direction and a reverse stop to conduct the motor stoppage in a reverse direction.

17. (Previously presented) The actuator as defined in claim 14 in which the stop device does not limit movement of the output element.

18. (Previously presented) The actuator as defined in claim 16 in which the forward stop is resiliently mounted relative to the reverse stop.

Serial No. 09/921,439  
60130-1179  
00MRA0557

19. (Original) The actuator as defined in claim 14 in which the stop device is mounted on a chassis of the actuator.

20. (Original) The actuator as defined in claim 14 in which the gear wheel is rotatable through at least 360°.

Serial No. 09/921,439  
60130-1179  
00MRA0557

21. (Currently amended) An actuator comprising:  
a rotatable, reversibly drivable gear wheel;  
an output element movable between a first position and a second position;  
a drive transfer device that engages with and contacts the output element to operably connect the gear wheel to the output element; and  
a stop device that operates on forward and reverse gear wheel stops to conduct a motor stoppage in a forward and reverse direction, the stop device including a forward stop device stop resiliently moveable relative to a reverse stop device stop to allow the forward gear wheel stop to pass the reverse stop device stop and to allow the reverse gear wheel stop to pass the forward stop device stop.
22. (Previously presented) The actuator as defined in claim 21 in which the forward stop device stop and reverse stop device stop are mounted on separate arms of the stop device.
23. (Previously presented) The actuator as defined in claim 22 in which the forward stop device stop is resiliently moveable relative to the reverse stop device stop by changing of the angle between the separate arms of the stop device.
24. (Original) The actuator as defined in claim 21 in which the stop device is pivotally mounted.
25. (Original) The actuator as defined in claim 21 in which the stop device is mounted on a chassis of the actuator.
26. (Original) The actuator as defined in claim 21 in which the gear wheel is rotatable through at least 360°.